

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-001518
 (43)Date of publication of application : 08.01.1991

(51)Int.CI. H01G 9/02
 H01G 9/05

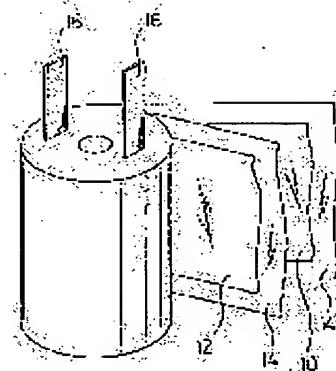
(21)Application number : 01-132834 (71)Applicant : NIPPON CHEMICON CORP
 (22)Date of filing : 29.05.1989 (72)Inventor : SHIMADA AKIHIRO
 OTAKE AKIO
 YOKOYAMA YUTAKA
 ANDO SUSUMU

(54) SOLID ELECTROLYTIC CAPACITOR

(57)Abstract:

PURPOSE: To obtain glass paper which is large in strength and favorable in product properties so as to offer a solid electrolytic capacitor which is favorable in mass productivity and high frequency properties by blending at least two or more kinds of fine diameter fibers 10-90 parts of 5-8,, and large diameter fiber 90-10 parts of 9-15,, so as to make glass paper.

CONSTITUTION: A separator consisting of glass paper is held between an anode foil, which has an surface oxide film by electrolytic oxidation, and a collecting cathode foil, and the glass paper is constituted by blending at least two or more kinds of fine diameter fiber 10-90 parts of 5-8,, and large diameter fiber 90-10 part of 9-15,,. In the lengths of the fine and large diameter fibers of the glass paper are both 5mm-25mm, the basis weight is 5-30g/m², the density is 0.05-0.25g/cm², and the thickness is 0.05-0.25mm, they are suitable. Though two or more kinds of fine diameter fibers and large diameter fibers are blended and a binder is added for adjustment, if the binder is 5-30% polyvinyl alcohol, it is suitable. For a solid electrolytic capacitor, the glass paper 14 is held between the anode foil 10 and the collecting cathode foil 12, and is soaked in liquid-form manganese nitrate, and then it is baked.



[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office